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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/923,975	08/07/2001	Jeetendra Chaware	9749 (NCRC-0044-US)	5229

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EXAMINER

TO, BAOQUOC N

ART UNIT PAPER NUMBER

2172

DATE MAILED: 09/25/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/923,975

Applicant(s)

CHAWARE ET AL.

Examiner

Baoquoc N To

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-31 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4,6,7.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

1. Claims 1-31 are presented for examination.

Information Disclosure Statement

2. The information disclosure statement (IDS) submitted on 10/09/01, 04/12/02 and 09/20/02. The submission is in compliance with the provisions of 37 CFR 1.97.

Accordingly, the information disclosure statement is being considered by the examiner.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-31 are rejected under 35 U.S.C. 102(e) as being anticipated by Goldberg et al. (US. Patent No. 6,430,556).

Regarding on claims 1 and 28, Goldberg teaches a method comprising:

Presenting a user interface (user interfacing devices) (col. 5, lines 1-7);

Receiving user selection through the user interface pertaining to environment

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information of a target system to extract (the query object generator tool 500, is controlled by a graphic user interface 534 which enables a user, at terminal 536, to operate interactively with the generator tool 500) (col. 8, lines 37-40); and

Receiving the environment extracted based on the user selection from the target database system (generator tool 500 also receives information from the database 522 in order to allow the user to formulate a query and test the query. Extracting information from the database 522 can be performed in several manner..." (col. 8, lines 40-51)

Regarding on claims 2 and 29, Goldberg teaches importing the environment information to a test system (col. 7, lines 21-22).

Regarding on claim 3, Goldberg teaches emulating the target database system in the test system using the imported environment information (col. 6, lines 48-65).

Regarding on claims 4 and 30, Goldberg teaches presenting the user interface comprises presenting plural screens each containing at least a graphical user interface element that is user selectable (col. 6, lines 36-40).

Regarding on claim 5, Goldberg teaches presenting screens comprises presenting a screens comprises presenting a screen containing graphical user interface elements selectable by a user to select, for extraction, one of environment information associated with an entire database in the target database system and environment

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information associated with tables referenced by a query (col. 6, lines 40-65 and col. 8, lines 43-51).

Regarding on claims 6 and 30, Goldberg teaches presenting the user interface comprises presenting user-selectable options corresponding to types of environment information to extract from the target database system (col. 6, lines 40-51).

Regarding on claim 7, Goldberg teaches presenting the user-selectable options comprises presenting options corresponding to statistic information and cost parameters (input parameter) (col. 3, lines 60-65).

Regarding on claim 8, Goldberg teaches presenting the user-selectable options comprises presenting a further option corresponding to data relating to definition of relations (col. 10, lines 16-24).

Regarding on claim 9, Goldberg teaches the user-selectable options comprises presenting a further option corresponding to samples associated with access modules (col. 12, lines 39-42).

Regarding on claim 10, Goldberg teaches displaying the environment information in the user interface (col. 6, lines 44-47).

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Regarding on claim 11, Gold berg teaches presenting the user interface comprises providing a user-selectable element that when activated enables editing of the environment information (create, save, modify and test query object) (col. 6, lines 44-47 and col. 9, lines 37-40).

Regarding on claim 12, Goldberg teaches strong the received environment information in plural files (col. 10, lines 25-30).

Regarding on claim 13, Goldberg teaches presenting a user-selectable element that when activated causes the files to be combined (col. 6, lines 48-65).

Regarding on claim 14, Goldberg teaches a system comprising:

A processor (CPU 118) (fig. 1 and col. 5, line 1);

A display (monitor) (114, fig. 1 and col. 5, line 4);

Software executable on the processor to present a user interface in the display (a software implementation of the above-described embodiment) (col. 14, lines 5-8);

The user interface comprising user-selectable elements to indicate environment information to export from a target database system (the query object generator tool 500, is controlled by a graphical user interface 534 which enables a user, at terminal 536; to operate interactively with the generator tool 500) (col. 8, lines 37-51).

Regarding on claim 15, Goldberg teaches the software is executable on the processor to export the environment information from the target database system (col. 8, lines 37-51).

Regarding on claim 16, Goldberg teaches the user interface comprises plural screens containing the user-selectable elements (col. 6, lines 36-40).

Regarding on claim 17, Goldberg teaches plural screens contains a first user-selectable element to indicate extraction of environment information associated with a database of the target database system (query the object in the database) (col. 6, lines 36-40).

Regarding on claim 18, Goldberg teaches another one of the plural screens contains a second user-selectable element to indicate extraction of environment information associated with one or more tables associated with a query in the target database system (the components of a database schema access object which allows the database schema to be displayed and test objects which test the query) (col. 6, lines 36-40).

Regarding on claim 19, Goldberg teaches the other one of the plural screens comprises a query selection element to select one or plural queries for which

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environment information is to be extracted (when the query information has been obtained from the user) (col. 6, lines 38-65).

Regarding on claim 20, Goldberg teaches the query selection element enables selection of the one or more plural queries from a file (from a database, a database is a file) (col. 6, lines 38-65).

Regarding on claim 21, Goldberg teaches the query selection element enables selection of the one or more plural queries from a query capture database (from a database) (col. 6, lines 38-65).

Regarding on claim 22, Goldberg the user-selectable element indicate one or more types of environment information to export (query objects) (col. 6, lines 1-6).

Regarding on claim 23, Goldberg the one or more types of environment information comprises one or more of the following: statistic information, cost information, information pertaining to definition of relation (col. 10, lines 16-24), and samples of data demographic of access modules in the target database system.

Regarding on claim 24, Goldberg teaches the user-selectable elements comprise an element to enable editing of the environment information (create, save, modify and test query object) (col. 6, lines 44-47 and col. 9, lines 37-40).

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Regarding on claim 25, Goldberg teaches the user-selectable elements further comprises another element to undo editing of the environment information (col. 6, lines 44-47 and col. 9, lines 37-40).

Regarding on claim 26, Goldberg teaches the software is executable to display the environment information in the display (query object on the displayed) (col. 6, lines 38-65).

Regarding on claim 27, Goldberg teaches is executable to export the environment information from the target database system and subsequently to import the environment information to a test system (col. 7, lines 20-22).

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Baoquoc N. To whose telephone number is (703) 305-1949 or via e-mail BaoquocN.To@uspto.gov. The examiner can normally be reached on Monday-Friday: 8:00 AM – 4:30 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y. Vu can be reached at (703) 305-4393.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231.


The fax numbers for the organization where this application or proceeding is assigned are as follow:

- (703) 746-7238 [After Final Communication}]
- (703) 746-7239 [Official Communication]
- (703) 746-7240 [Non-Official Communication]

Hand-delivered responses should be brought to:

Crystal Park II
2121 Crystal Drive
Arlington, VA 22202
Fourth Floor (Receptionist).

Baoquoc N. To
September 20, 2003


SHAHID ALAM
PRIMARY EXAMINER